



versalis

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Technical Data Sheet

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INTENE[®]
BR

C 30 AF
Butadiene Rubber

Intene[®] C 30 AF is a solution polymerized low cis polybutadiene produced using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK.
A TNPP free, food contact approved, non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C) unmassed	ASTM D 1646	MU	40
Solution Viscosity	Internal Method	cP	42 ⁽¹⁾
Cis - 1:4 Content	Internal Method	%	38
Gel Rating	Internal Method		5 ⁽¹⁾ max
Colour	Internal Method		5 ⁽¹⁾
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.1 max

⁽¹⁾ 5% wt/wt in Styrene at 25°C

Key Features

Its unique molecular structure gives fast dissolving time and fine dispersion of the rubber in the plastic matrix.

Main Applications

Impact improver of ABS and Polystyrene giving a gloss surface.
It can also be used in conjunction with certain block copolymers to give high gloss.
The high capacity of loading carbon black and good extrudibility makes this grade suitable for abrasion strips construction in tire building.

Physical Form

Water white to pale amber coloured bales are wrapped in easily dispersible styrene soluble film.

Packaging

Returnable metal crate, nominal net weight 900 kg; 30 Kg bale, 30 bales per crate (1465 x 1150 x H1123 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life: 12 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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